1. **An amount of money is to be divided between P, Q and R in the ratio of 3:7:12. If the difference between the shares of P and Q is Rs.X, and the difference between Q and R's share is Rs.3000. Find the total amount of money?**

A.11000

B.12400

C.13200

D.14300

E.None of these

Answer & Explanation

2. **If a certain amount X is divided among A, B, C in such a way that A gets 2/3 of what B gets and B gets 1/3 of what C gets, which of the following is true**

A.C's Share = 1053 and X = 1666

B.A's Share = 238 and X = 1638

C.B's Share = 234 and X = 1666

D.C's Share = 1053 and X = 1638

E.A's Share = 351 and X = 1638

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

3. **Seats for Mathematics, Science and arts in a school are in the ratio 5:7:8. There is a proposal to increase these seats by X%, Y% and Z% respectively. And the ratio of increased seats is 2:3:4, which of the following is true?**

A.X = 50; Z = 40

B.Y = 40; Z = 50

C.X = 40; Z = 75

D.X = 50; Z = 40

E.Y = 50; X = 75

Answer & Explanation

4. **An amount of money is to be distributed among P, Q and R in the ratio of 7:4:5 respectively. If the total share of P and R is 4 times the share of Q, what is definitely Q's share?**

A.2000

B.4000

C.6000

D.Data inadequate

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

5. **Two candles of same height are lighted at the same time. The first is consumed in 3 hours and second in 2 hours. Assuming that each candles burns at a constant rate, in how many hours after being lighted, the ratio between the first and second candles becomes 2:1?**

A.2 hour

B.2.5 hour

C.4 hour

D.4.5 hour

E.None of these

Answer & Explanation

6. **If A and B together have a certain amount X and if 4/15 of A's amount is equal to 2/5 of B's amount, which of the following is true?**

A.A = 1767; X = 2675

B.B = 1070; X = 2895

Note: The Information Provided here is only for reference. It May vary the Original.

C.A = 1767; X = 2945

D.B = 1158; X = 2585

E.A = 1605; X = 2945

Answer & Explanation

7. **A sum of Rs.4880 was divided among boys and girls in such a way that each boy gets Rs.44.50 and each girl get Rs. 55.25. If the total number of girls and boys is 100, find the number of girls?**

A.60

B.50

C.40

D.30

E.None of these

Answer & Explanation

8. **The income of Vinay and Prakash are in the ratio of 4:5 and their expenditure is in the ratio of 2:3. If each of them saves 5000, then find their income.**

A.11000, 8550

B.12000, 7750
C.15000, 8750
D.13000, 9780
E.None of these

Answer & Explanation

9. **If the ratio of the first to second is 2:3 and that of the second to the third is 5: 8, then which of the following is true,**
A.Sum = 98; A = 48
B.Sum = 147; B = 30
C.Sum = 147; C = 45
D.Sum = 98; B = 30
E.Sum = 98; C = 72

Answer & Explanation

10. **A bag contains 25p coins, 50p coins and 1 rupee coins whose values are in the ratio of 8:4:2.If the total values of coins isX and the total amount in rupees is Y,thenwhich of the following is true**
A.X = 840; Y = 260
B.X = 966; Y = 345
C.X = 840; Y = 280

Note: The Information Provided here is only for reference. It May vary the Original.

D.X = 740; Y = 260

E.None of these

Answer & Explanation

1. **In a school the number of boys and girls are in the ratio of 4:7. If the number of boys are increased by 25% and the number of girls are increased by 15%. What will be the new ratio of number of boys to that of girls?**

   a) 100:131

   b) 100:151

   c) 100:161

   d) 100:181

   e) None of these

   Answer & Explanation

2. **When 40% percent of a number is added to another number the second number increases to its 20%. What is the ratio between the first and second number?**

   a) 2:1

   b) 1:2

   c) 2:3

   d) 3:4

   e) None of these

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

3. **An amount of money is to be distributed among P, Q and R in the ratio of 5:4:7 respectively. If the total share of P and R is 3 times the share of Q, what is definitely Q's share?**
   a) 2000
   b) 4000
   c) 6000
   d) data inadequate
   e) None of these

   Answer & Explanation

4. **Two candles of same height are lighted at the same time. The first is consumed in 6 hours and second in 4 hours. Assuming that each candles burns at a constant rate, in how many hours after being lighted, the ratio between the first and second candles becomes 2:1?**
   a) 1 hour
   b) 2 hour
   c) 3 hour
   d) 4 hour
   e) None of these

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

5. **An employer reduces the number of his employees in the ratio of 7:4 and increases their wages in the ratio 3:5. State whether his bill of total wages increases or decreases and in what ratio.**
   a) increases 20:21
   b) decreases 21:20
   c) increases 21:22
   d) decreases 22:21
   e) None of these

   Answer & Explanation

6. **A vessel contains milk and water in the ratio of 4:3. If 14 litres of the mixture is drawn and filled with water, the ratio changes to 3:4. How much milk was there in the vessel initially?**
   a) 24
   b) 32
   c) 40
   d) 48
   e) None of these

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

7. **The ratio of two numbers is 3:4. If 3 is subtracted from both the numbers, the ratio becomes 1:2. Find the sum of the two numbers?**

a) 9
b) 10.5
c) 11.5
d) 12
e) None of these

Answer & Explanation

8. **The sum of three numbers is 210. If the ratio between the first and second number be 2:3 and that between the second and third be 4:5, then the difference between the first and third number?**

a) 21
b) 35
c) 42
d) 56
e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

9. **A bag contains 25p coins, 50p coins and 1 rupee coins whose values are in the ratio of 8:4:2. The total values of coins are 840. Then find the total amount in rupees.**

a) 220
b) 240
c) 260
d) 280
e) None of these

Answer & Explanation

10. **The income of Neha and Hitesh are in the ratio of 4:5 and their expenditure is in the ratio of 2:3. If each of them saves 2000, then find their income.**

a) 4000, 6000
b) 4000, 5000
c) 5000, 4000
d) 5000, 6000
e) None of these

Answer & Explanation

1. **A company reduces his employee in the ratio 14 : 12 and increases their wages in the ratio 16:18, Determine whether the bill of wages increases or not and in what ratio.**

a) Decreases, 28: 27

Note: The Information Provided here is only for reference. It May vary the Original.

b) Increases, 27:28
c) Decreases, 29:28
d) Increases, 28:29
e) None of these

Answer & Explanation

2. **A bucket contains liquid A and B in the ratio 4:5. 36 litre of the mixture is taken out and filled with 36 litre of B. Now the ratio changes to 2:5. Find the quantity of liquid B initially.**
   a) 55ltr
   b) 56ltr
   c) 57ltr
   d) 58ltr
   e) None of these

Answer & Explanation

3. **Two numbers are in the ratio of 5:6 and if 4 is added to the first number and 4 is subtracted from the second number then the ratio becomes 3:2. Find the difference between two numbers.**
   a) 2.5
   b) 3.5

Note: The Information Provided here is only for reference. It May vary the Original.

c) 4.5
d) 6.5
e) None of these

Answer & Explanation

4. **The income of riya and priya are in the ratio of 4:5 and their expenditure is in the ratio of 2:3. If each of them saves 2000, then find their income.**
a) 4000, 6000
b) 4000, 5000
c) 5000, 4000
d) 5000, 6000
e) None of these

Answer & Explanation

5. **A 50 litre of mixture contains milk and water in the ratio 2:3. How much milk must be added to the mixture so that it contains milk and water in the proportion of 3:2.**
a) 20
b) 25
c) 30
d) 35
e) None of these

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Answer & Explanation

6. **Two alloys contain platinum and gold in the ratio of 1:2 and 1:3 respectively. A third alloy C is formed by mixing alloys one and alloy two in the ratio of 3:4. Find the percentage of gold in the mixture**

a) 79.2/7%

b) 71.2/7%

c) 73.2/7%

d) 71.3/7%

e) None of these

Answer & Explanation

7. **The sum of three numbers is 980. If the ratio between first and second number is 3:4 and that of second and third is 3:7. Find the difference between first and last number.**

a) 380

b) 360

c) 340

d) 400

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **The ratio between number of girls and boys in a school is 5: 6. If 40 percent of the boys and 20 percent of the girls are scholarship holders, what percentage of the students does not get scholarship?**

a) 68%

b) 69%

c) 71%

d) 80%

e) None of these

Answer & Explanation

9. **A bag contains 25p coins, 50p coins and 1 rupee coins whose values are in the ratio of 8:4:2. The total values of coins are 840. Then find the total amount in rupees.**

a) 220

b) 240

c) 260

d) 280

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

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10. **An amount is to be divided between A, B and C in the ratio 2:3:5 respectively. If C gives 200 of his share to B the ratio among A, B and C becomes 3:5:4. What is the total sum?**

a) 5000

b) 6000

c) 7000

d) 8000

e) None of these

Answer & Explanation

1. **A bag contains 25p coins, 50p coins and 1 rupee coins whose values are in the ratio of 8:4:2. The total values of coins are 840. Then find the total number of coins**

A.220

B.240

C.260

D.280

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **Two vessels contains equal quantity of solution contains milk and water in the ratio of 7:2 and 4:5 respectively. Now the solutions are mixed with each other then find the ratio of milk and water in the final solution?**

A.11:7

B.11:6

C.11:5

D.11:9

E.None of these

Answer & Explanation

3. **Two alloys contain gold and silver in the ratio of 3:7 and 7:3 respectively. In what ratio these alloys must be mixed with each other so that we get a alloy of gold and silver in the ratio of 2:3?**

A.2:1

B.3:1

C.4:3

D.3:5

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **The sum of three numbers is 123. If the ratio between first and second numbers is 2:5 and that of between second and third is 3:4, then find the difference between second and the third number.**

A.12

B.14

C.15

D.17

E.None of these

Answer & Explanation

5. **If 40 percent of a number is subtracted from the second number then the second number is reduced to its 3/5. Find the ratio between the first number and the second number.**

A.1:3

B.1:2

C.1:1

D.2:3

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

6. **The ratio between the number of boys and girls in a school is 4:5. If the number of boys are increased by 30 % and the number of girls increased by 40 %, then what will the new ratio of boys and girls in the school.**

A.13/35

B.26/35

C.26/41

D.23/13

E.None of these

Answer & Explanation

7. **One year ago the ratio between rahul salary and rohit salary is 4:5. The ratio between their individual salary of the last year and current year is 2:3 and 3:5 respectively. If the total current salary of rahul and rohit is 4300. Then find the current salary of rahul.**

A.1200

B.1800

C.1600

D.2000

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **A sum of 12600 is to be distributed between A, B and C. For every rupee A gets, B gets 80p and for every rupee B gets, C get 90 paise. Find the amount get by C.**

A.3200

B.3600

C.4200

D.4600

E.None of these

Answer & Explanation

9. **The sum of the squares between three numbers is 5000. The ratio between the first and the second number is 3:4 and that of second and third number is 4:5. Find the difference between first and the third number.**

A.20

B.30

C.40

D.50

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

10. **The ratio between two numbers is 7:5. If 5 is subtracted from each of them, the new ratio becomes 3:5. Find the numbers.**

A.7/2, 5/2

B.3/2, 7/2

C.9/2, 7/2

D.11/2, 5/2

E.None of these

Answer & Explanation

1. **Three cars travel same distance with speeds in the ratio 2 : 4 : 7. What is the ratio of the times taken by them to cover the distance?**

A) 12 : 6 : 7

B) 14 : 7 : 4

C) 10 : 5 : 9

D) 7 : 4 : 14

E) 14 : 10 : 7

Answer & Explanation

2. **Section A and section B of 7th class in a school contains total 285 students. Which of the following can be a ratio of the ratio**

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of the number of boys and number of girls in the class?

A) 6 : 5

B) 10 : 9

C) 11 : 9

D) 13 : 12

E) Cannot be determined

Answer & Explanation

3. **180 sweets are divided among friends A, B, C and D in which B and C are brothers also such that sweets divided between A and B are in the ratio 2 : 3, between B and C in the ratio 2 : 5 and between C and D in ratio 3 : 4. What is the number of sweets received by the brothers together?**

A) 78

B) 84

C) 92

D) 102

E) 88

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **Number of students in 4th and 5th class is in the ratio 6 : 11. 40% in class 4 are girls and 48% in class 5 are girls. What percentage of students in both the classes are boys?**

A) 62.5%

B) 54.8%

C) 52.6%

D) 55.8%

E) 53.5%

Answer & Explanation

5. **Consider two alloys A and B. 50 kg of alloy A is mixed with 70 kg of alloy B. A contains brass and copper in the ratio 3 : 2, and B contains them in the ratio 4 : 3 respectively. What is the ratio of copper to brass in the mixture?**

A) 8 : 5

B) 7 : 5

C) 5 : 11

D) 4 : 9

E) 5 : 7

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

6. **Ratio of A and B is in the ratio 5 : 8. After 6 years, the ratio of ages of A and B will be in the ratio 17 : 26. Find the present age of B.**

A) 72

B) 65

C) 77

D) 60

E) None of these

Answer & Explanation

7. **A bag contains 25p, 50p and 1Re coins in the ratio of 2 : 4 : 5 respectively. If the total money in the bag is Rs 75, find the number of 50p coins in the bag.**

A) 45

B) 50

C) 25

D) 40

E) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **A is directly proportional to B and also directly proportional to C. When B = 6 and C = 2, A = 24. Find the value of A when B = 8 and C = 3.**

A) 42

B) 40

C) 58

D) 48

E) None of these

Answer & Explanation

9. **A is directly proportional to B and also inversely proportional to the square of C. When B = 16 and C = 2, A = 36. Find the value of A when B = 32 and C = 4.**

A) 25

B) 20

C) 18

D) 32

E) None of these

Answer & Explanation

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10. **A is directly proportional to the inverse of B and also inversely proportional to C. When B = 36 and C = 9, A = 42. Find the value of A when B = 64 and C = 21.**

A) 24

B) 40

C) 32

D) 48

E) None of these

Answer & Explanation

1. **Divide Rs.2340 into three parts, such that first part be double that of second part and second part be 1/3 of the third part.Find the Third part amount?**

A.Rs.780

B.Rs.1170

C.Rs.750

D.Rs.390

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **The ratio of income of A and B is 2:3. The sum of their expenditure is Rs.8000 and the amount of savings of A is equal to the amount of expenditure of B.What is the their ratio of sum of income to their sum of savings?**

A.5:3

B.3:2

C.4:3

D.3:1

E.None of these

Answer & Explanation

3. **There are 2 containers of equal capacity. The ratio of milk to water in the first container is 4:5 and in the second container is 3:7.If they are mixed up then the ratio of milk to water in the mixture will be**

A.17:63

B.65:96

C.34:75

D.67:113

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **There are two numbers. When 25% of the first number is added to the second number, the resultant number is 1.5times th first number.What is the ratio of 1st number to the 2nd number ?**

A.3:5

B.5:4

C.4:5

D.2:3

E.None of these

Answer & Explanation

5. **A bag contains 10p,25p and Rs50p coins in the ratio of 5:2:1 respectively. If the total money in the bag is Rs.120.Find the number of 25p coins in that bag?**

A.160

B.130

C.110

D.90

E.None of these

Answer & Explanation

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6. **The ratio of Ganesh's age and his mother's age is 5:12.The difference of their ages is 21.The ratio of their ages after 4 years will be**

A.3:7

B.6:11

C.4:7

D.19:40

E.None of these

Answer & Explanation

7. **The ratio of students of three classes is 2:3:4. If 12 students are increased in each classes then their ratio turns into 13:18:23. What was the total number of students in all the three classes originally ?**

A.250

B.215

C.225

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D.190

E.None of these

Answer & Explanation

8. **Ravi and Govind have money in the ratio 5 : 12 and Govind and Kiran also have money in the same ratio 5 : 12. If Ravi has Rs. 500, Kiran has**

A.Rs.2500

B.Rs.2880

C.Rs.1850

D.Rs.3100

E.None of these

Answer & Explanation

9. **A town with a population of 1000 has provision for 30days, after 10 days 600 more men added, how long will the food last at the same rate ?**

A.12 days

B.14 ½ days

C.12 ½ days

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D.15 days

E.None of these

Answer & Explanation

10. **A man spends Rs.2480 to buy lunch box Rs.120 each and bottles at Rs.80 each,What will be the ratio of maximum number of bottles to lunch box are bought ?**

A.13:12

B.11:13

C.9:12

D.7:10

E.None of these

Answer & Explanation

1. **A school has 4 sections of class 12, such that half the number of students of 1st section, 1/3rd of 2nd section, 1/4th of 3rd section and 1/5th of the 4th section are equal. If total number of students in class 12 is 420, find the number of students in sections 1st and 2nd.**

A) 180

B) 120

C) 240

D) 150

E) 260

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **The income of A, B, and C are in the ratio 3 : 4 : 7. If their incomes be changed such that the new income of A is 50% increased, 25% increased for B and 25% decrease for C. Find the ratio of their new incomes.**

A) 18 : 40 : 23

B) 17 : 12 : 21

C) 18 : 20 : 21

D) 28 : 20 : 21

E) None of these

Answer & Explanation

3. **A, B and C divide Rs 4200 among themselves in the ratio 7 : 8 : 6. If Rs 200 is added to each of their shares, what is the new ratio in which they will receive the money?**

A) 9 : 8 : 7

B) 8 : 9 : 7

C) 8 : 9 : 8

D) 9 : 10 : 8

E) 7 : 9 : 8

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **The ratio of the monthly salaries of A and B is in the ratio 15 : 16 and that of B and C is in the ratio 17 : 18. Find the monthly income of C if the total of their monthly salary is Rs 1,87,450.**

A) Rs 66,240

B) Rs 72,100

C) Rs 62,200

D) Rs 65,800

E) Rs 60,300

Answer & Explanation

5. **The ratio of the incomes of A and B last year was 9 : 13. Ratio of their incomes of last year to this year is 9 : 10 and 13 : 15 respectively. The sum of their present incomes is Rs 50,000. What is the present income of B?**

A) Rs 32,000

B) Rs 24,000

C) Rs 20,000

D) Rs 30,000

E) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

6. **A sum of Rs 315 consists of 25 paise, 50 paise and 1 Re coins in the ratio 3 : 4 :6. What is the number of each kind of coin respectively?.**

A) 216, 144, 27

B) 108, 144, 216

C) 27, 72, 216

D) 120, 35, 108

E) 102, 150, 210

Answer & Explanation

7. **Rs 650 was divided among 3 children in the ratio 2 : 4 : 7. Had it been divided in the ratio 1/2 : 1/4 : 1/7, who would have**

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gained the most and by how much?

A) C, Rs 246

B) C, Rs 264

C) B, Rs 18

D) A, Rs 246

E) A, Rs 264

Answer & Explanation

8. **The ratio of the number of boys to the number of girls in a school is 6 : 5. If 20% of boys and 45% of girls come by bus to school, what percentage of students opt transport other than bus to come to school?**

A) 68 9/11%

B) 68 7/11%

C) 72 7/11%

D) 73%

E) 73 5/11%

Answer & Explanation

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9. **The incomes of A and B are in the ratio 1 : 2 and their expenditures are in the ratio 2 : 5. If A saves Rs 20,000 and B saves Rs 35,000, what is the total income of A and B?**

A) Rs 30,000

B) Rs 90,000

C) Rs 90,000

D) Rs 60,000

E) Rs 80,000

Answer & Explanation

10. **Rs 5750 is divided among A, B, and C such that if their share be reduced by Rs 10, Rs 15 and Rs 25 respectively, the reminder amounts with them shall be in the ratio 4 : 6 : 9. What was C's share then?**

A) Rs 2700

B) Rs 2725

C) Rs 2750

D) Rs 2625

E) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

1. **The students in 3 classes are in the ratio 3:4:5.If 20 students added in each class, the ratio becomes 5:6:7.Find the total no of students in all the 3 classes now ?**

   A.160

   B.170

   C.180

   D.200

   E.None of these

   Answer & Explanation

2. **Two equal containers are filled with water and acid. The concentration of acid in each container is 20% and 30%. What is the ratio of water in both the containers respectively ?**

   A.7:8

   B.8:7

   C.6:4

   D.3:2

   E.None of these

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

3. **A horse takes 8 steps for every 5 steps of a fox, but 6 steps of a fox are equal to the 3 steps of the horse. What is the ratio of the speed of horse to the fox ?**

A.16:5

B.20:19

C.18:23

D.17:21

E.None of these

Answer & Explanation

4. **The ratio of age of Krish and her mother is 5:12 and difference of their ages is 21. What will be the ratio of their ages after 3 years ?**

A.7:15

B.11:5

C.13:7

D.9:13

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

5. **A started a business with Rs.32,000 after 4 months B joins with the business by investing Rs.48,000.At the end of the year, in what ratio should share their profit ?**

A.8:7

B.7:6

C.5:7

D.9:5

E.None of these

Answer & Explanation

6. **A working partner gets 25% as his commissions after his commissions paid that is equal to Rs.7500, then what is the total profit ?**

A.Rs.32,000

B.Rs.30,000

C.Rs.37,500

D.Rs.40,000

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

7. **Equal quantities of 3 mixtures of milk and water are mixed in the ratio 1:3, 2:3 and 3:4.The ratio of water and milk in the new mixture is**

A.45:76

B.151:269

C.123:154

D.145:245

E.None of these

Answer & Explanation

8. **The speed of P, Q and R are in the ratio of 2:3:6, what is the ratio of time taken by each one of them for the same distance ?**

A.5:7:2

B.3:2:4

C.1:2:3

D.3:2:1

E.None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

9. **The ratio of income of X and Y is 4:3. The sum of their expenditure is Rs.12,000 and the amount of savings is X is equal to the amount of expenditure of Y.What is the salary of Y?**

A.9000

B.7000

C.12000

D.15000

E.None of these

Answer & Explanation

10. **When 7 is added to the numerator and denominator of the fraction, then the new ratio of numerator and denominator becomes 13:19, what is the original ratio ?**

A.11:13

B.7:9

C.4:7

D.Can't be determined

E.None of these

Answer & Explanation

1. **A school has 4 sections of class 12, such that half the number of students of 1st section, 1/3rd of 2nd section, 1/4th of 3rd section and 1/5th of the 4th section are equal. If total number of students in class 12 is 420, find the number of students in sections 1st and 2nd.**

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A) 180
B) 120
C) 240
D) 150
E) 260

Answer & Explanation

2. **The income of A, B, and C are in the ratio 3 : 4 : 7. If their incomes be changed such that the new income of A is 50% increased, 25% increased for B and 25% decrease for C. Find the ratio of their new incomes.**
A) 18 : 40 : 23
B) 17 : 12 : 21
C) 18 : 20 : 21
D) 28 : 20 : 21
E) None of these

Answer & Explanation

3. **A, B and C divide Rs 4200 among themselves in the ratio 7 : 8 : 6. If Rs 200 is added to each of their shares, what is the new ratio in which they will receive the money?**
A) 9 : 8 : 7

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B) 8 : 9 : 7
C) 8 : 9 : 8
D) 9 : 10 : 8
E) 7 : 9 : 8

Answer & Explanation

4. **The ratio of the monthly salaries of A and B is in the ratio 15 : 16 and that of B and C is in the ratio 17 : 18. Find the monthly income of C if the total of their monthly salary is Rs 1,87,450.**
A) Rs 66,240
B) Rs 72,100
C) Rs 62,200
D) Rs 65,800
E) Rs 60,300

Answer & Explanation

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5. **The ratio of the incomes of A and B last year was 9 : 13. Ratio of their incomes of last year to this year is 9 : 10 and 13 : 15 respectively. The sum of their present incomes is Rs 50,000. What is the present income of B?**

A) Rs 32,000

B) Rs 24,000

C) Rs 20,000

D) Rs 30,000

E) None of these

Answer & Explanation

6. **A sum of Rs 315 consists of 25 paise, 50 paise and 1 Re coins in the ratio 3 : 4 :6. What is the number of each kind of coin respectively?.**

A) 216, 144, 27

B) 108, 144, 216

C) 27, 72, 216

D) 120, 35, 108

E) 102, 150, 210

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Answer & Explanation

7. **Rs 650 was divided among 3 children in the ratio 2 : 4 : 7. Had it been divided in the ratio 1/2 : 1/4 : 1/7, who would have gained the most and by how much?**

A) C, Rs 246

B) C, Rs 264

C) B, Rs 18

D) A, Rs 246

E) A, Rs 264

Answer & Explanation

8. **The ratio of the number of boys to the number of girls in a school is 6 : 5. If 20% of boys and 45% of girls come by bus to school, what percentage of students opt transport other than bus to come to school?**

A) 68 9/11%

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B) 68 7/11%
C) 72 7/11%
D) 73%
E) 73 5/11%

Answer & Explanation

9. **The incomes of A and B are in the ratio 1 : 2 and their expenditures are in the ratio 2 : 5. If A saves Rs 20,000 and B saves Rs 35,000, what is the total income of A and B?**
A) Rs 30,000
B) Rs 90,000
C) Rs 90,000
D) Rs 60,000
E) Rs 80,000

Answer & Explanation

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10. **Rs 5750 is divided among A, B, and C such that if their share be reduced by Rs 10, Rs 15 and Rs 25 respectively, the reminder amounts with them shall be in the ratio 4 : 6 : 9. What was C's share then?**

A) Rs 2700

B) Rs 2725

C) Rs 2750

D) Rs 2625

E) None of these

Answer & Explanation

1. **Find out the third proportion of the term 12 and 24**

A)38

B)44

C)48

D)42

Answer

2. **If a:b = 2:3, b:c = 6:5 and c:d = 3:5 then find the value of a:b:c:d**

A)18:25:12:18

B)12:18:15:25

C)25:18:15:12

D)12:25:18:25

Answer

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3. **If x:y = 4:7, the value of $(x^2 + y^2) / (x^2 - y^2)$ = ?**
   A)-33/65
   B)65/33
   C)33/65
   D) -65/33

   Answer

4. **The ratio of boys and girls in the school is 7:9 when 22 new boys are joined in this school then the ratio become 9:10.How many girls in this school ?**
   A)180
   B)200
   C)160
   D)220

   Answer

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5. **Two numbers are in the ratio of 5:8 .If 4 is subtracted from each then the ratio become 1:2.The small number is**
   A)16
   B)4
   C)10
   D)2

   Answer

6. **x:y = 7:4 then (4x+7y) : (7x+4y)**
   A)65:56
   B)56:65
   C)34:45
   D)13:18

   Answer

7. **The sum of present age of 2 persons is 100yrs.Before 5 years the ratio of their ages is 5:13.Find the age of younger person**

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A)15
B)20
C)25
D)30

Answer

8. **The ratio of monthly income of A and B in the ratio is 6:5 and the ratio of their expenditure is 9:7.If each saves Rs.1500.Then the sum of their salary is**

A)11,000
B)9,000
C)1,0000
D)12,000

Answer

9. **What number should be added or subtracted from each term in the ratio 11:9 so that it become 6:5**

A)+4
B)-4
C)-5
D)-3

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Answer

10. **The ratio of two persons A and B salaries in the ratio 12:7 if 12% increased salary yearly then what will be the B Salary after 2 yrs.**

A)7808

B)8700

C)7,500

D)8781

Answer

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